

**HUMAN MONOCLONAL ANTIBODIES TO
FC ALPHA RECEPTOR (CD89)**

Abstract

5 Human monoclonal antibodies which bind specifically to Fc alpha receptor
(CD89), including monoclonal antibodies which react specifically to Fc receptor for IgA of
human effector cells are disclosed. The binding agents, *e.g.*, antibodies are useful for
targeting human effector cells (*e.g.* macrophages) against a target cell (*e.g.* a cancer cell, an
infectious agent, etc.). For this purpose, bifunctional antibodies or heteroantibodies can be
10 constructed containing the binding region derived from an anti-Fc-alpha receptor antibody
and the binding region of a target-specific antibody. Targeted effector cells can specifically
lyse target cells.

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